SAFETY DATA SHEET
SODIUM THIOSULPHATE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>SODIUM THIOSULPHATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product No.</td>
<td>JWS010, JWS011</td>
</tr>
<tr>
<td>Synonyms, Trade Names</td>
<td>CHLORINE NEUTRALISER</td>
</tr>
<tr>
<td>CAS-No.</td>
<td>7772-98-7</td>
</tr>
<tr>
<td>EC No.</td>
<td>231-867-5</td>
</tr>
</tbody>
</table>

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Chemical

1.3. Details of the supplier of the safety data sheet

Supplier: Kamco Ltd
Unit 9, Curo Park
Frogmore
St Albans
AL2 2DD

Tel: 01727 875020 Fax: 01727 875335 info@Kamco.co.uk

1.4. Emergency telephone number

Emergency Contact Number (Office Hours) 01727 875020

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

- Physical and Chemical: Not classified.
- Hazards:
  - Human health: Not classified.
  - Environment: Not classified.


The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16. 2.2. Label elements

EC No. 231-867-5

Label In Accordance With (EC) No. 1272/2008 No pictogram required.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

<table>
<thead>
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</tbody>
</table>
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion
Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Do not induce vomiting.

Skin contact
Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact
Skin irritation.

Eye contact
May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Specific hazards

5.3. Advice for firefighters

Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

6.4. Reference to other sections

For personal protection, see section 8.
SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation. Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Ingredient Comments
No exposure limits noted for ingredient(s).

8.2. Exposure controls
Protective equipment

Engineering measures
Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Respiratory equipment
No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10mg/m3.

Hand protection
Use suitable protective gloves if risk of skin contact.

Eye protection
Wear approved safety goggles.

Other Protection
Wear rubber apron. Wear rubber footwear.

Hygiene measures
DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance
Powder, dust or Crystals or crystalline

Colour
White / off-white.

Melting point (°C)
>48

pH-Value, Conc. Solution
7-8 (10% aq)

9.2. Other information
None.

SECTION 10: STABILITY AND REACTIVITY

No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions.
10.3. Possibility of hazardous reactions
Not known.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid
Strong oxidising substances.

10.6. Hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation
Dust in high concentrations may irritate the respiratory system.

Ingestion
May cause discomfort if swallowed.

Skin contact
Powder may irritate skin.

Eye contact
Particles in the eyes may cause irritation and smarting.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Acute Fish Toxicity
Not considered toxic to fish.

12.2. Persistence and degradability

Degradability
The product is biodegradable. 12.3. Bioaccumulative potential

Bioaccumulative potential
No data available on bioaccumulation. 12.4. Mobility in soil

Mobility:
The product is soluble in water.

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements.
SECTION 14: TRANSPORT INFORMATION

General: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Road Transport Notes Not Classified
Rail Transport Notes Not classified.
Sea Transport Notes Not classified.
Air Transport Notes Not classified.

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Code Of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes
CHIP for everyone HSG(108).

EU Legislation

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

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Revision Date 19.01.2011
Revision